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Experimental Aircraft Association Chapter 105 Portland, OR

Twin Oaks Airpark—7S3 www.EAA105.org The Purpose of EAA Chapter 105 is to Promote

Aviation Education, Construction, Recreation and

Breakfast KP Duty

Saturday, December 4th, 2010

7:00 AM - 9:00 AM John Jessen Ed Lynn Mindy Lynn Tim Prosser Randy Reinhofer Ken Rentmeester Bruce Rose Steve Rosenstock Darvl Sahnow Bill Inman Ion Crew – Cashier

9:00 AM - Cleanup Jan Novak Ken Lee Ted Millar Dave Mercer Rob Reese Mike Rhodes Charles Rice John Riser Leejay Robles Dave Salesky Laird Smith

Saturday, January 1st, 2011

7:00 AM - 9:00 AM Ron Singh Michelle Smith John Tompkins Robert Toppel Ron VanBladeren Richard Vanderford Jerry VanGrunsven Dick VanGrunsven Bob Venturella Kim Vermilva Richard Suffoletto -Cashier

9:00 AM – Cleanup Jon Hopple Vince Nartker David Sellers Terry Smith Alan Sohler Kerry Stevens Chris Stone Colin Strong Michael Terrell **Jake Thiessen** Dennis Thun

Note to Volunteers who cannot serve: Please arrange replacements for yourselves, or contact Len Kauffman, lakauf @comcast.net or 503-885-1920

EAA Chapter 105



Chapter 105's Traditional **Prop Wash** Holiday Party will be at Bob and Mary Duncan's home starting at 5:00 PM on Dec 18th – Mark your calendars. The address is:

- 3340 NE 14th Ave, Hillsboro. See you there!
- Dress: aviation casual
- Food: BBQ ribs, baked beans and more
 - Bob asks you NOT bring more food, will put out a hat
- B.Y.O.B or favorite beverage
- Map on Pg. 3

Team RV-12, the chapter build-project going together in our Twin Oaks hanger G-3, would like to add another partner to make a 5-way split in the ownership of their RV-12 project. Check the latest progress and contact them on their chapter forum area — www.eaa105.org/Forums



Bogardus Little Gee Bee Restoration Project

Norm Durrell has produced a DVD history of the Chapter's restoration of the Bogardus Little Gee Bee, now on display at the NASM Udvar-Hazy Center at Dulles Int'l Airport. If you'd like a copy for your library, contact Norm: durrelln @verizon.net \$10-

EAA Chapter 105 – To anyone interested in Building and Owning a Carbon Cub Experimental

I am willing to go in partners with a group of interested people that would like to build and own a Light Sport Experimental aircraft. We may start a build center for this aircraft if there is interest. I'm a dealer for Cubcrafters, and would be very willing to help anyone that would like to own or be part owner in a Cubcrafters Aircraft.

I am proposing on the first aircraft to be a 1/4 to 1/8 partner. The aircraft would be built by the owners of the aircraft here @ Twin Oaks and we could oversee assembly, some, all, or no work on the aircraft.

If you have any questions feel free to contact me.

Robert C Stark - bob @twinoaksairpark.com

Next Meetings • Dec 18th SATURDAY –

5:00 PM at Bob and Mary Dun-

can's for our Annual Holiday Party.

• **Dec** – At the Nov meeting, the board decided to forgo the Dec board meeting unless unforeseen business forces the issue.

• **Dec 19th** Newsletter Deadline – NL article contributions and ads are welcome at anytime, but may be held up if received after the deadline.

Cliff Gerber's RV-7, On the Cover N67683, on amphib floats, departs Twin Oaks following a recent breakfast.



December 2010

Meeting Coordinator:

Dunstan Fandel

dunstan.fandel @oracle.com 503-614-9737 (H)



| Holiday Party at Bob & Mary | | |
|--------------------------------|--|--|
| Duncan's Home | | |
| 3340 NE 14th Ave, Hillsboro | | |
| Saturday, Dec 18 th | | |
| 5:00 PM 'til closing | | |
| 503-970-3092 | | |
| | | |

Note: Bob says he has the food under control and to please NOT bring additional side dishes. He'll figure a 'suggested donation' and put out a hat. Do bring your own beverages.

Directions

Bob and Mary's place is just off the NW corner of Hillsboro airport, near the intersection of Jackson School and Evergreen roads. From Portland, take hwy 26 west, exiting at Jackson School Rd, and heading south.

Future Meetings

TBD - Ideas?



Plane Pool!

Members who plan to fly to the meeting are encouraged to take this opportunity to share any empty seats with still-building types.

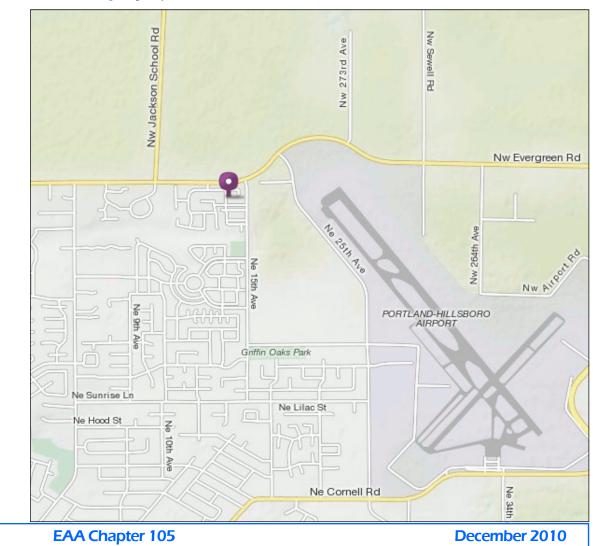
About the meetings...

Meetings are the second Thursday of the month, starting at 7:00 PM, unless otherwise specified (here or on the website), and are typically at the site of someone's experimental aircraft project or hangar.

The structure of the meetings is pretty loose. The first 30

minutes or so is generally spent socializing, eating chips and dip, and checking out the project. Then we get down to "business", with introductions of new members and guests, milestones, discussions of group issues, open items, and the host project. After that, it's back to BSing late into the evening.

Be sure to bring any tools, parts, etc. that you wish to sell, loan, give away, etc. And while you're there, throw a buck or two into the kitty, to help out the host for costs of purchasing the refreshments.



EAA 105's Annual Elections, Potluck and Pie Auction

Benton Holzwarth

Some might have questioned the wisdom of inviting everyone over for a potluck dinner, filling 'em up with everyone's favorite dishes and then trying to coax top bids in our pie auction — but some don't know the persuasive power of our auctioneer, Rion Bourgeois.

But I'm getting ahead of myself.

About 50 people turned out for this year's event. A terrific selection of mains, sides and deserts were offered and everyone enjoyed the good food and good company.

As the socializing wound down, President Ron Singh started the business meeting. Every November we hold elections for our chapter officers and directors. Our charter directs that each year the board propose a slate of officers and directors to guard against the chance that no one might be available for nomination ahead of or at the meeting. The board offered names for the four officers and 12 of the 15 available director positions. The remaining director slots were reserved for nominations





The tables set up for serving were filled, with deserts on a sideboard. As is always the case, we all brought way more food than was necessary, but we all did our best to hide as much of it as we could.



Jeffrey (or is it Bryan, I can never keep 'em straight!) Hickman gives Bob Duncan's fling-wing toy a whirl during a break in the festivities.





from the floor. The proposed slate of directors provided by the board was: Ron Singh (+ President), Bruce Rose, (+ Vice President), Jennifer Hickman (+ Treasurer), Benton Holzwarth (+ Secretary), Bob Duncan, Dick Van-Grunsven, Jerry VanGrunsven, John Jessen, Len Kauffman, Rion Bourgeois, Ron Poe and Roy Thoma. Three additional directors were nominated from the floor and accepted: Tom Louris, Joe Miller and Michelle Smith. Since none of the officer or director positions was challenged, a formal vote was not taken and the new officers and board were accepted by acclamation.

Kim Vermilya will take over the task of Young Eagles Coordinator in the new year — thanks Kim for stepping up to cover this job.

With that important business covered, the evening's auctioneer, our own Rion Bourgeois and his adorable assistant Kelsey Hickman, were introduced. Following a little warm-up, the bidding became more spirited (ruummmm, mostly.) Jenny Hickman kept score and reported the evening's stats: 31 deserts crossed the block for a total net to the chapter of \$614, including \$22 in extra donations. High bid was \$40 for the Bourbon/ Chocolate/Pecan pie.



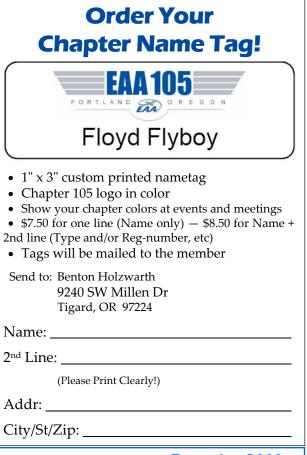




Ron Poe makes his move for one of the delish deserts. Kelsey Hickman and Ron Bourgeois covered the display and auctioneer duties.

I'll send in a name tag order early in the new year and it will likely be a while before the next. Drop me (Benton) an order if you'd like to join in.







December 2010

Board Meeting Highlights

EAA Chapter 105 18 Nov 2010

Benton Holzwarth, Sec'y

The meeting was held at the chapter's hangar G-1 at Twin Oaks airpark and called to order at 7:05. Present were: Len Kauffman, Bruce Rose, Jerry VanGrunsven, Bob Duncan, Denny Fuhrman (guest), Joe Miller, Sandy Bes, Roy Thoma, Ron Poe, John Jessen, Rion Bourgeois, Benton Holzwarth and Michelle Smith.

The first business, approval of the previous meeting's minutes was accomplished with no further correction.

• Picnic Tables: Bob Duncan has picked up the picnic table construction project from Benton. He's taken up the conversation with Bob Stark, who had earlier proposed that he'd finance four tables if we'd provide the construction and we'd each take two.

BobS is offering to provide his truck to haul the lumber. BobD also talked over our plan to upgrade our tables to cedar or redwood with our picking up the cost difference. BobD will make arrangements with Bob for shopping, will chase down a plan if they don't already have one, generate the materials list and plan the work parties to get the work done.

• Pie Auction: Jenny reported 31 deserts changed hands; high bid was \$40 for the Bourbon/Chocolate/ Pecan pie. The proceeds from the auction totaled \$614 (including \$22 in extra donations) along with some clever comments about where the weight went.

Bruce suggested that we might encourage our bakers to provide some smaller offerings, to make it easier for bidders that don't want to take home a full huge pie or bid that top price.

Also, the potluck idea seemed to go over well, everyone enjoyed the meal and as always there was waaay too much food. It seemed like maybe more spouses attended this meeting than previous pie-auction Novembers and we're suspecting it might be the incorporation of the evening meal vs. just the elections and auction.

There was general appreciation and commendation for

Rion's performance as Auctioneer.

• Holiday Party: Bob Duncan is opening his house this year. He's got food completely covered, is asking guests to NOT bring more. He'll total up what a meal has cost and put out a hat with a 'suggested donation' value. He suggested we issue an email announcement a week or two before the party, in addition to the NL announcement.

• Annual Planning Retreat: Our annual planning session will be held on January 22, starting at 9:00 AM. Two options for location are the conference room at the Pearson Museum or Bruce Rose is offering his house, with most people preferring Bruce's place.

Suggestion is for everyone to be thinking about director duties and budgets. It would be helpful if Jenny can provide itemized spending from last year, covering the budget areas and the spending amounts vs. the preapproved amounts from last year's planning meeting.

• EAA's B-17 visit: There'd been some confusion as to whether we'd be invited to host again this year, since recollection was that they usually contacted us earlier. At this meeting Rion was able to confirm that we'd been contacted and were all signed up to participate again this spring. (The B-17 usually comes through the week before Memorial day, as they like to spend the Memorial day weekend in Seattle which makes a good next stop from Hillsboro.

• Newsletter: The handoff from Benton to Sandy Bes continues. The current plan is for me (Benton) to do the December issue, and help Sandy pick up with the January issue. Suggestion was made that Sandy should be thinking about a budget for NL publishing tools.

• Dec board meeting: The group decided to skip the December board meeting unless some pressing business should arise.

• Director Reports:

• Rion notes that the annual chapter paperwork will hit Ron's inbox next month. Also, we'd discussed changing our chapter liability insurance limits earlier in the year. If anyone wants to reopen that discussion now would be the time, as that will be up for renewal soon. Everyone present agreed (by quick vote taken) we were satisfied with where we'd left it previously, no changes needed.

• Ron Poe observed Bob Stark's offer to partner on a CubCrafters Carbon Cub kit saying this'd be a great way to get into a share of one of these airplanes. Bob's putting together a builder's center.

• Benton will forward the breakfast cashier schedule to Len and Joe. Joe is deciding he'll stay on at the pancake dishing station three of four months and rotate in for one cashier shift. [Done.]

• Bruce has done some tidying around G-1. He gave the deposit bottles and cans to one of Bob's helpers. He also noted that the chapter has a bending brake squirrelled away in another hangar that can be moved to the chapter's hangars.

• Roy is ready to pass on the broken prop trophy.

• Rion commented on the Stark's long-stored C-38 Airmaster. We'd marveled at the flare launchers, but Rion noted they even still have flares loaded. (Yikes!)

With no further business, the board meeting was adjourned at 7:45.



Bob Stark's Cessna C-38 project. There are a few more photos of the ship scattered through this issue.

Buy/Sell/Trade

Ads are free but are subject to editing. Aviation related ads are given priority. We reserve the right to refuse any ad. Submit to the Editor, Benton Holzwarth (Benton @siletzbay.com) or call 503-684-2008. Please let us know when your item sells. Ads will run for four issues (last issue

FOR SALE – O-320 D2J removed from an RV6 for high time. It has been sent to Premier Engines for inspection and measurement. Crank is standard (hollow), cam ground, lifters faced, rods bushed, cases inspected. Lower end ready to assemble. Cylinders did not pass inspection so there are no cylinders with this engine. No accessories.

You will need bearings and seals for a 0 TSO bottom end. New cylinder assemblies from Lycoming are \$1108 ea. 2470 TT (replacement log to show Ad compliances) \$4250 or best offer - Ron Simpkins 503-913-4773 ron.simpkins @wildblue.net [03/11]

Attention new builders - Get a quick start on your work shop with these nearly new tools (compressor, band saw, belt/disk sander, drill press) and benches.

https://sites.google.com/site/johnsrv10/

Randy DeBauw - randy @abros.com or 503-780-6210 [02/11]

For Sale – Partially completed plans built aluminum experimental aircraft (TR4?) with Volkswagen engine. \$3,500 or best offer. Call Irvin Wright at 503-648-5512 [02/11]

FOR SALE – Van's engine instruments: Oil pressure & transducer, Oil temperature & transducer, Fuel gauges x 2 (RV-9), Fuel pressure & transducer, CHT & sensor, EGT & sensor. Flight instruments: Electric turn coordinator, VSI 3-1/8" (Falcon), Direction gyro, Garmin 295 GPS. All in excellent order, recently removed from 2005 RV-9A during retrofit of Advanced 4500 EFIS. Kenneth Melvin, Olinger Airpark 503-693-3645 [12/10]

FOR SALE: RV-4 1/2 share available. lost medical!!



Here's a chance to get into a fast little 180 mph sports car with wings!! Built in 1990 and recently "restored", nice and clean bird. O-360 180hp with

Air Flow Performance fuel injection, with just 260 hrs/690 TT airframe. Advance Systems AOA, Apollo GX 55 GPS, Light Speed ignition, King KX 155 VOR Nav/ Comm, Dynon D10A EFIS, Bendix/King Transponder, strobes and new tires. Hangared at Twin Oaks. \$25,000 and will finance: Bob Duncan 503-970-3092 [11/10]

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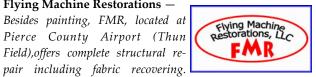
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Flying Machine Restorations – Besides painting, FMR, located at Pierce County Airport (Thun Field), offers complete structural re-



FMR has a separate soda-blasting booth available for removing paint and rust from engine and metal parts, vehicles, boats, and motorcycles. For more information, contact Gene Endsley at 206-300-1197 or g.endsley @comcast.net

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EAA Chapter 105

December 2010

2009-10 Feature Article Index

This section chronicles our contributors for the previous 12 months (thank you authors and photographers!) and in the January issue provides a complete index to the previous year's articles. - Ed.

December '09

- Board Notification / Chapter Election Results
- Joe Blank / Vans Airforce 37 Ship Formation at OSH
- Stu McCurdy / Leading the Effort (37 Ship at OSH)
- Benton Holzwarth / T 'n T: Flagging gNATs (Needs Attending To) items

January '10

- Ron Singh / Greetings from President Ron
- Benton Holzwarth / 105's Holiday Party at Casa Hickman
- Dennis Kucera / Hank Bullock and His Auster AOP

February '10

• Dick VanGrunsven / Chapter 105 Hangar Dilemma / Challenge

- New Members—James Bagley, Jr., Jim Frisbie
- Dick VanGrunsven / TeenFlight RV-12 Status Help Needed

• Benton Holzwarth / Stephen Rosenstock's KR-2S Project

• Saturday Night at the Movies

March '10

• Ken Howe / Hangar Event: Movies and Chili

• Roy Thoma + Leighton Mangels + Benton Holzwarth / Leighton Mangels on Fiberglass

• Sandy Bes / Living the Rock Star Life or The Beauty of Flight and Homemade Gravy in Puyallup

April '10

• Michelle Smith / Hangar Event: The World of Seaplaning with Mike Kincaid

• Bob Duncan / Chapter Fly-Out: Grants Pass + Rogue River Jet Boat Ride

• Benton Holzwarth / An Evening Spent with Oregon Aero

Michelle Smith / Young Eagles: Season Opener

• Dick VanGrunsven / Chapter 105 Safety Briefing Program

• New Members: Dave Pardis & Richard Ebers

• Dick VanGrunsven / RV-12 Group Building Project Update

May '10

- Bob Duncan / Chapter Fly-Out: Grants Pass + Rogue River Iet Boat Ride
- · Benton Holzwarth / Tom Gourley on Aircraft Wiring
- New Members: David Wallway, David Halmos and Bob Venturella

June '10

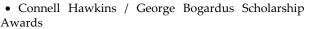
- Ron Singh / Youth Flight Training Scholarships
- New Memebrs: Ray Alexander
- Benton Holzwarth / An Evening at Van's Aircraft
- Chapter Fly-Out: Grants Pass / Rogue River
- Another Successful Visit for EAA's B-17 'Aluminum Overcast'

July 10

- Ron Singh / George Bogardus Scholarship Awards
- Bob Duncan / Hehalem Bay State Park Fly-Out
- Bob Duncan / Grants Pass and Rogue River Fly-Out
- Benton Holzwarth / Parkside Paradise
- Benton Holzwarth / Nineteenth Annual Northwest RV Fly-In

August '10

- Benton Holzwarth / Project 404 with Art Cornelius
- Randall Henderson / Summer Flying (Seaside)
- Bob Duncan / NW-EAA 'Arlington' Fly-In Recap
- Pete Kozachik / Pete Kozachik's Successful Corvair **Engine Run**



- New Member: Kevin Swift
- SEA Class-B Redesign

September '10

• Benton Holzwarth / Photos: Ted Millar's deHavilland DH-82A Tiger Moth

• Benton Holzwarth / Summertime at the Chapter Hangar

• Brent Anderson / Bogardus Trophy Winners

• Bruce Rose / Free EAA Local and National Trial Memberships

October '10

- Greg Long / 2010 Oregon Int'l Airshow EAA 105 Booth Big Success Again
- John Jessen + Bob Duncan / Bruce and Becky Breckenridge's Christavia Project
- Ron Poe / The 9th Annual EAA Chapter 105 Poker Run – in Photos
- Greg Long / Michael Combs Exemplifies Human Spirit in Nationwide LSA Flight

November '10

- Benton Holzwarth / Trevor Lacy Demonstrates Fabric Aircraft Covering with Poly-Fiber
- Bruce Rose / Flying Restrictions Near Sporting Events
- FAA / HIO Taxiway Marking Change



Two more shots of Bob Stark's C-38 project. This vertical tube structure behind the passenger compartment drew curiosity. It's a flare drop mechanism for lighting 'unlighted' fields.



This system reportedly still includes the flares! And the firewall.

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EAA Chapter 105



| | Chapter Officers | |
|--|---|----------------------------------|
| Pres., Dir & Member Coord | Ron Singh ron.singh @eaa105.org | 503-646-2144 h |
| Vice Pres. Dir. & Tool Meister + Prop Balancer | Bruce Rose bruce @falcondesign.com | 503-848-2228 c |
| Legal Counsel | J. Rion Bourgeois rion @att.net | 503-646-8763 h |
| | Benton Holzwarth benton @siletzbay.com | 503-684-2008 h |
| Treas., Dir & Poker Run Coord | Jennifer Hickman jennhickman @aol.com | 503-651-2230 h |
| Meet Coord, Dir & Ad Hoc Pro- jects | Dunstan Fandel dunstan.fandel @oracle.com | 503-614-9737 h |
| Librarian | Jim Mitchell jmichell1 @msn.com | 503-644-5258 h |
| Dir & Breakfast Crew Chief | Joe Miller jwmcmm @easystreet.com | 503-475-7433 c |
| Dir & Breakfast Volunteer Coord Quartermaster | Len Kauffman lakauf @comcast.net Mike McGee | 503-885-1920 h 503-701-6315 c |
| | mmcgee @pma-engr.com Dick VanGrunsven engineering2 @vansaircraft.com | 503-678-6545 x327 |
| Ad Hoc Projects | Tom Louris tlouris @comcast.net | 503-914-8009 c |
| Director | Jerry VanGrunsven jjvangrunsvenfly @wifi-nw.com | 503-648-3464 |
| Eagles Coord | Michelle Smith michelle.smith @eaa105.org | 503-646-2144 h |
| Dir & Web Master | John Jessen n212pj @gmail.com | 503-656-2255 h |
| Director | Roy Thoma roy @abornthoma.com | 503-708-5794 c |
| Director Fly-out Coord. | Ron Poe ronald.poe @comcast.net | 503-636-7242 h |
| Director Fly-out Coord. | Bob Duncan n6tu @comcast.net | 503-970-3092 c |
| 9 | | - |



| Bob Stark had his Cessna C-38 project out for display at the last pancake breakfast. There are a few more photos of this formidable project scattered through this issue. And of course, we've been seeing the wing suspended in the breakfast hangar for a couple years. Next General Meeting + VAF-Home Wing / Chapter 105 • Saturday, December 18 th @ Bob and Mary Duncan's Home • 5:00—??? Socializing • Map on pg. 3 | First Class Mail |
|---|-----------------------------------|
| Next Hangar Event On hiatus Contact Ron Singh with your Ideas and Suggestions | z |
| Next Board of Directors Meeting Saturday, January 22nd – 9:00 AM (No Dec. meeting) Bruce Rose's home (Aloha area) Contact a Board Member if you have ideas you'd like considered or would like to attend or volunteer for an event! | |
| EAA Chapter 105 | Volume 50/Number 12/December 2010 |

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Editor:

Benton Holzwarth EAA Chapter 105

9240 SW Millen Dr.